फाइल नं0-71-1002/1/2022

62/2023/I/301691/2023

प्रेषक,

एस0पी0 सिंह,
उप सचिव,
उ0प्र0 शासन।

सेवा में,

महानिदेशक,
चिकित्सा शिक्षा एंव प्रशिक्षण,
उ0प्र0 लखनऊ।

चिकित्सा शिक्षा अनुभाग-1 लखनऊः दिनांक 13 अप्रैल, 2023

विषयः-चिकित्सा शिक्षा विभाग के अंतर्गत संचालित मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब की स्थापना हेतु लगाये जाने वाले उपकरणों हेतु मानकीकृत तकनीकी विशिष्टियों के निर्धारण के सम्बन्ध में।

महोदया,

उपर्युक्त विषयक निदेशक, डॉ0 राम मनोहर लोहिया आयुर्विज्ञान संस्थान, लखनऊ के पत्रांक संख्या-4780/डा0रा0म0लो0आ0सं0/एम0एम0(ई0क्यू0)/2022-23, दिनांक 15.03.2023 एवं पत्रांक संख्या-4899/डा0रा0म0लो0आ0सं0/एम0एम0(ई0क्यू0)/2022-23, दिनांक 24.03.2023 का कृपया संदर्भ ग्रहण करें, जिसके द्वारा चिकित्सा शिक्षा विभाग के अन्तर्गत संचालित मेडिकल कालेजों एंव स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब की स्थापना हेतु लगाये जाने वाले उपकरणों / न्धित सामग्रीटर एंव उनसे सम्बकम्प्यू/फर्नीचर हेतु मानकीकृत तकनीकी विशिष्टियां अनुमोदित किये जाने का अनुरोध किया गया है।

2- अवगत कराना है कि मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब की स्थापना हेतु पूर्व में उपलब्ध कराये गये उपकरणों का स्पेसिफिकेशन शासनादेश संख्या-94/2022/I/194549/2022-71-1002/I/2022, दिनांक 26.07.2022, शासनादेश संख्या-117/2022/I/236107/2022/71-1002/1/2022, दिनांक 16.11.2022 तथा शासनादेश संख्या-3/2023/I/257843/2023 -71-1002/1/2022, 05.01.2023 द्वारा निर्गत किया गया है।

3- इस सम्बन्ध में मुझे यह कहने का निदेश हुआ है कि मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कॉलेजों के लिए स्किल लैब की स्थापना हेतु लगाये जाने वाले उपकरणों / न्धित सामग्रीटर एंव उनसे सम्बकम्प्यू/फर्नीचर हेतु उपलब्ध कराये गये स्पेशफिकेशन (तकनीकी विशिष्टियां) (संलग्नक के अनुसार) को निम्नलिखित शर्तो/प्रतिबन्धों के अधीन अनुमोदित किया जाता है:-

1. मेडिकल कालेजों/स्वशासी राज्य चिकित्सा महाविद्यालयों में नर्सिंग कालेजों के लिए स्किल लैब हेतु उपकरणों को संलग्न तकनीकी विशिष्टियों के आधार पर स्थापित किया जाए।
2. स्पेसिफिकेशन के पारदर्शी होने का दायित्व निदेशक, डॉ0 राम मनोहर लोहिया आयुर्विज्ञान संस्थान, लखनऊ का होगा।
3. उपकरणों के क्रय में पारदर्शिता एंव गुणवत्ता सुनिश्चित किये जाने का दायित्व निदेशक, डॉ0 राम मनोहर लोहिया आयुर्विज्ञान संस्थान का होगा।

1- यह शासनादेश इलेक्ट्रानिकली जारी किया गया है, अतः इस पर हस्ताक्षर की आवश्यकता नहीं है ।

2- इस शासनादेश की प्रमाणिकता वेब साइट http://shasanadesh.up.nic.in से सत्यापित की जा सकती है ।

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4. उपकरणों/सामग्रियों का क्रय गैप एनालसिस के आधार पर किया जाए।

4- कृपया उपर्युक्तानुसार दिशा-निर्देशों का कड़ाई से अनुपालन सुनिश्चित कराने का कष्ट करें।

संलग्नक-यथोक्त।

भवदीय,

(एस0पी0 सिहं)
उप सचिव।

संख्या-उपरोक्त तद्दिनांक।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः-

1. मिशन निदेशक, राष्ट्रीय स्वास्थ्य मिशन, लखनऊ।
2. निदेशक, डा0राम मनोहर लोहिया आयुर्विज्ञान संस्थान, लखनऊ।
3. समस्त प्रधानाचार्य, राजकीय मेडिकल कालेज, उ0प्र0।
4. समस्त प्रधानाचार्य, स्वशासी राज्य चिकित्सा महाविद्यालय, उ0प्र0।
5. जपाइगो।
6. गार्ड फाइल।

आज्ञा से,

(एस0 पी0 सिंह),
उप सचिव।

संलग्नक-

कम्प्यूटर एंव उनसे सम्बन्धित सामग्री

S. No	Item Name	Specifications	Jhansi	Gorakhpur	Kannauj	Prayagraj	Meerut	Agra	Kanpur	Total Quantity	App. Unit Cost	App. Total Cost
1	**Computer**		5	15	15	15	6	5	0	61	60000	3660000
	Processor	Intel Core i5-11 th generation or higher processor, 2.7 Ghz. or higher base frequency, Min 6 cores, cache 12 MB or Higher.										
	Chipset	Compatible Chipset with support for PCI express x16 .										
	Memory	Minimum 8 GB RAM, expandable to 64 GB, DDR IV-2666 or higher.										
	Hard Disk	Minimum 512GB SSD										
	Ethernet	NIC 10/100/1000 with IP v4 and v6 support; Wake on LAN Wireless LAN: 802.11 b/g/n/ac , Bluetooth 4.2 or higher										
	Graphics	Integrated / Discreet / Dedicated HD Graphics										
	Monitor	Display Panel: 21.5" or higher TFT/ LED (non touch) Back lit monitor										

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2- इस शासनादेश की प्रमाणिकता वेब साइट http://shasanadesh.up.nic.in से सत्यापित की जा सकती है ।

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		having 1920*1080 resolution or more, 60Hz or higher										
	Slots	1 Serial Port, audio slots., min 2 PCI slots (including PCIe x1/PCIe x4/PCIe x16 slots. One M.2 port)										
	Ports	08 USB ports or more (including min. 3 USB 3.0 ports)										
	Keyboard	OEM USB keyboard with Rupee Symbol										
	Mouse	USB 2.0 OEM Optical Scroll Mouse with 2 buttons and one scroll wheel										
	Cabinet(form Factor)	13 L or higher, with in-built speakers in CPU/Monitor.										
	Power Supply	200W or more power supply, SMPS										
	Operating System	OEM Preloaded Windows 10 home (X64 bit) or higher.										
	Compliance and Certification	As per industry standard for PC &TCO 7.0 for monitor. Drivers should be freely available on OEM's website and should be supplied in media along with PC. ROHS complaint & Latest BEE/Energy 5 star certified.										
		1-Desktop must be of Business series (No Home / Consumer series shall be acceptable). 2-Top 5 brands featuring in the IDC Report (within last two years) will be considered.										
		MS Office Home Student Edition or higher preloaded by the OEM.										
2	Laser Printer		5	5	5	5	0	5	5	30	20000	600000
	Print Technology	Laser										
	Processor Speed	1000 MHz or Higher										
	Memory	256 MB or Higher										
	Print Speed	35 PPM or Higher/A4/Letter										
	Print Quality	1200 X 1200 DPI Better										
	Duty Cycle	Min 30,000 pages per month or Higher										
	Connectivity Standard	High Speed USB 2.0 or Higher, wired LAN										
	Duplex Printing	Automatic										
	Media Size	A4, Legal, Letter or Higher										
	Tray	Standard.										
	Type of Cartridge	Composite Toner Cartridge or Separate Drum and toner cartridge										
	Warranty	5 Years OEM										
3	UPS		5	15	15	15	6	5	0	61	2000	122000
	Rating in VA	600 VA or higher										
	Backup Time	15 min or Higher										
	Technology	MOSFET-PWM										
	Type of Battery	SMF-VRLA										
	Input Voltage	160V to 280V										
	Output Voltage	220V+/-8%										
	Warranty	5 years (Excluding UPS Batteries)										
	All hardware items (excluding UPS batteries) will be covered under 5 years comprehensive on site warranty. Batteries warranty for one year.											

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उपकरण/फर्नीचर-

Place	Name of College / Name of Furniture	Specification	Jhansi Paramedical Academic Block	Gorakhpur Academic Block	Kannauj Academic Block	Prayagraj Academic Block	Gorakhpur Hostel Block (Boys And Girls)	Kannauj Hostel Block (Boys And Girls)	Prayagraj Hostel Block (Boys And Girls)	Agra Hostel Block (Girls)	Kanpur Hostel Block (Girls)	Total Qty.
	Name of Furniture		College wise Qty.									
Principal Office	Excutive Chair High Back	Leatherette, Active Bio-Synchro, Die cast polished Aluminum Pedestal, Adj Arms, 5 Position Tilt Limiter, Back Height Adustable, Seat Slide Mechnisum , Size - 761 x 761 x 1302 mm, Seat Height 531 mm. Seat/back assembly: the cushioned seat should be made up of injection moulded plastic outer & inner. Plastic inner should be made up of upholstered with pure leather and moulded high resilience (hr) polyurethane foam of density 45±2 kg/m3,and hardness load 16 ± 2 kgf for 25% compression.The cushioned back should be madeup ofpu foam with insitu moulded ms ERW round tube of size 1.9±0.03cm x 0.16 ±0.0128cm. It upholstered with pure leather.Seat size : 47.6 cm. (w) x 49.2 cm. (d)back size : 47.5 cm. (w) x 77 cm. (d)Armrests: the armrest top should be moulded from polyurethane(pu), upholstered in pure leather and mounted on to a drop lift adjustable type tubular armrest support made of 03.81±0.03 cm x 0.2±0.01 cm thk MS ERW tube having chrome plated finish. The armrest height adjustable up to 6.5±0.5cm in 5 stepsactive bio- synchro mechanism: the adjustable tilting mechanism should be designed with the following features:• 360° revolving type.• front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort.• tilt tension adjustment can be operated in seating position.• 5-position tilt limiter giving option of variable tilt angle to the chair.• seat/back tilting ratio of 1: 2• the mechanism housing should be made up of hpdc aluminium black powder coated.4 seat depth adjustment: seat depth adjustment should be integrated in the seat through a sliding mechanism. seat depth adjustment range should be of 6.0±0.5 cm. adjustable back support: back frame should be connected to the up/dn mechanism housed in plastic t spine. It can be adjusted in the range of 7.42±0.5 cm for the comfortable back support to suit individual need.Pneumatic ht. adjustment: the pneumatic height adjustment has an adjustment stroke of 10.0±0.3 cm.pedestal assembly the pedestal should be high pressure die cast polished aluminium and fitted with 5 nos. twin wheel castors. The pedestal should be 65.0 ± 0.5cm. Pitch-center dia.(75.0 ± 1.0cm. with castors.)twin wheel castors:the twin wheel castors should be injection moulded in black polypropylene	0	1	1	1	0	0	0	0	0	3

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	Excutive Table	Executive Wooden Table Size - 1800 x 2100 x 750mm , with Attached Three Drawewr Mobile Pedestal both side, Size Side Table - 1200x 600 x 750mm. Primary Work Surface should be made up of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with0.4mm PVC membrane pressed on to top.Made up of 25mm thick MDF one side pre- laminate board confirming to IS-14587:1998 with0.4mm PVC membrane pressed on to top.Secondary Work Surface- Made up of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Modesty Panel- Made up of 25mm thick MDF one side pre- laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.Understructure- Made up of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal- Made up of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to topPedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestal is provided with lock for security.	0	1	1	1	0	0	0	0	0	3
	Visitor chair A	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mmSEAT ASSEMBLY: The Cushioned seat should be made of Injection molded Plastic outer & inner. Plastic Inner should be upholstered with leatherette and moulded High Resilience (HR) Polyurethane foam of Density 45±2 kg/m3,and hardness load 16 ± 2 kgf as per IS:7888 for 25% compression.BACK ASSEMBLY: The Cushioned back should be made up of PU Foam with insitumolded MS E.R.W Round Tube of size 1.9±0.03cm x 0.16 ±0.0128cm. It upholstered with Leatherette.Visitor TUBULAR FRAME: The tubular frame should be cantilever type and made of Ø2.54± 0.03 cm X 0.02 ± 0.016cm thick SS 202 tube. The back should be connected to frame through chrome plated high pressure die case connector piece.	0	12	12	12	0	0	0	0	0	36
	4 drawer book case	Four Door bookcase with common Key, Size - 1742 H x 914 W x 320 Dmm . The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	0	1	1	1	0	0	0	0	0	3

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	Computer table	all wood table with an open shelf and CPU storage on the RHS and a three drawer unit on the LHS, Size- 1200 x 600 x 750mmC- Frame & Tubular cold rolled close annealed Steel Structure Fabrication involves only MIG/TIG & Spot welding Top & shelf made of 18mm thick pre-laminated particle board Edge beading of edges by Through Feed Machine Shelf adjustable on steel bracketsRemovable tubular CPU stand and an embossed modesty panel below table top provided Provision for wiremanagementDrum Type LevellerFitted with 3 drawer storage box. (W 350mm D 575mm H 430mm) All steel components are epoxy powder coated after seven tanks anti corrosion treatment of surface The overall appearance of the product shall be as per photograph	0	3	3	3	0	0	0	0	0	9
	Sofa Set 3+1+1	Sofa Set- Three Seater- 1. SEAT FOAM: The seat without spring assembly, is made of PU foam with Density 32± 2 kg/cu. mtr having an additional top layer of super soft PU foam in Density 32 ± 2 kg/cu. upholstered with fabric or leatherette. 2. BACK FOAM: The back is made of PU foam with Density 28 ± 2 kg/cu. mtr with two additional top layer of super soft foam of density 32±2 kg/cu. mtr, upholstered with fabric or leatherette 3.UNDERSTRUCTRE : Understructure is made up of 1.2±0.1 cm. thick hot pressed plywood (moisture resistance & termite proof as per IS: 303) & pinewood of cross section devoid of major knots & surface defects 6 nos. per seat. 4. LEG ASSEMBLY: It is a welded assembly made in Stainless steel (SS 304) tube & plate with plastic end cap. (W) 2060mm (D) 905 mm (H) 855 mm seat (H) 450 mm. 5. ARMREST: There shall be cushion arm provided padded with high resilience polyurethane foam having density 40Kg/m³. Arm height shall be 480mm, Arm width shall be 200mm. Sofa Set one Seater- 1.SEAT FOAM: The seat without spring assembly, is made of PU foam with Density 32± 2 kg/cu. mtr having an additional top layer of super soft PU foam in Density 32 ± 2 kg/cu. upholstered with fabric or leatherette. 2.BACK FOAM: The back is made of PU foam with Density 28 ± 2 kg/cu. mtr with two additional top layer of super soft foam of density 32±2 kg/cu. mtr, upholstered with fabric or leatherette 3. UNDERSTRUCTRE Understructure is made up of 1.2±0.1 cm. thick hot pressed plywood (moisture resistance & termite proof) & pinewood of cross section devoid of major knots & surface defects 6 nos. per seat. 4. LEG ASSEMBLY: It is a welded assembly made in Stainless steel (grade SS 304) tube & plate with plastic end cap.860mm (W), 920mm (D), 820mm(H), seat height 450mm. 5. ARMREST: There shall be cushion arm provided padded with high resilience polyurethane foam having density 40Kg/m³. Arm height shall be 480mm, Arm width shall be 200mm.	0	1	1	1	0	0	0	0	0	3
	Centre table	Providing and placement of centre table with top of 1040mm x 690mm x 40mm.The leg of the table should be made of 850mm x 595mm x 115mm. The material used for dimension (+/-2mm) of 1000mm x 650mm x 450mm. the table is paper laminated with MDF Board, toughened glass.Overall size of the center table shall be read as 1000mm (L) x 650mm (B) x 450mm (H). The table glass shall be 12mm thick minimum and supporting structure shall be as per standard design of manufacturers.	0	1	1	1	0	0	0	0	0	3

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	Storewell Plain	Welded storwel with four shelve and five compartment, Size-H 1980xD486xW916mm.The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	0	2	2	2	0	0	0	0	0	6
	Mid Back Chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. .	0	4	4	4	0	0	0	0	0	12
Vice-Principal Room	Mid back chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. .	0	1	1	1	0	0	0	0	0	3

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	Excutive Table	Executive Wooden Table Size - 1800 x 2100 x 750mm , with Attached Three Drawewr Mobile Pedestal both side, Size Side Table - 1200x 600 x 750mm. Primary Work Surface should be made up of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with0.4mm PVC membrane pressed on to top.Made up of 25mm thick MDF one side pre- laminate board confirming to IS-14587:1998 with0.4mm PVC membrane pressed on to top.Secondary Work Surface- Made up of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Modesty Panel- Made up of 25mm thick MDF one side pre- laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.Understructure- Made up of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal- Made up of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to topPedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestal is provided with lock for security.	0	1	1	1	0	0	0	0	0	3
	Visitor chair A	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mmSEAT ASSEMBLY: The Cushioned seat should be made of Injection molded Plastic outer & inner. Plastic Inner should be upholstered with leatherette and moulded High Resilience (HR) Polyurethane foam of Density 45±2 kg/m3,and hardness load 16 ± 2 kgf as per IS:7888 for 25% compression.BACK ASSEMBLY: The Cushioned back should be made up of PU Foam with insitumolded MS E.R.W Round Tube of size 1.9±0.03cm x 0.16 ±0.0128cm. It upholstered with Leatherette.Visitor TUBULAR FRAME: The tubular frame should be cantilever type and made of Ø2.54± 0.03 cm X 0.02 ± 0.016cm thick SS 202 tube. The back should be connected to frame through chrome plated high pressure die case connector piece.	0	3	3	3	0	0	0	0	0	9
	4 drawer book case	Four Door bookcase with common Key, Size - 1742 H x 914 W x 320 Dmm . The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	0	1	1	1	0	0	0	0	0	3

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	Computer table	all wood table with an open shelf and CPU storage on the RHS and a three drawer unit on the LHS, Size- 1200 x 600 x 750mmC- Frame & Tubular cold rolled close annealed Steel Structure Fabrication involves only MIG/TIG & Spot welding Top & shelf made of 18mm thick pre-laminated particle board Edge beading of edges by Through Feed Machine Shelf adjustable on steel bracketsRemovable tubular CPU stand and an embossed modesty panel below table top provided Provision for wiremanagementDrum Type LevellerFitted with 3 drawer storage box. (W 350mm D 575mm H 430mm) All steel components are epoxy powder coated after seven tanks anti corrosion treatment of surface The overall appearance of the product shall be as per photograph	0	1	1	1	0	0	0	0	0	3
	Storewell Plain	Welded storwel with four shelve and five compartment, Size-H 1980xD486xW916mm.The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	0	1	1	1	0	0	0	0	0	3
Professor Room	Mid back chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. .	1	1	1	1	0	0	0	0	0	4

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	Excutive Table	Executive Wooden Table Size - 1800 x 2100 x 750mm , with Attached Three Drawewr Mobile Pedestal both side, Size Side Table - 1200x 600 x 750mm. Primary Work Surface should be made up of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with0.4mm PVC membrane pressed on to top.Made up of 25mm thick MDF one side pre- laminate board confirming to IS-14587:1998 with0.4mm PVC membrane pressed on to top.Secondary Work Surface- Made up of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Modesty Panel- Made up of 25mm thick MDF one side pre- laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top.Understructure- Made up of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal- Made up of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to topPedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestal is provided with lock for security.	1	1	1	1	0	0	0	0	0	4
	Visitor chair A	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mmSEAT ASSEMBLY: The Cushioned seat should be made of Injection molded Plastic outer & inner. Plastic Inner should be upholstered with leatherette and moulded High Resilience (HR) Polyurethane foam of Density 45±2 kg/m3,and hardness load 16 ± 2 kgf as per IS:7888 for 25% compression.BACK ASSEMBLY: The Cushioned back should be made up of PU Foam with insitumolded MS E.R.W Round Tube of size 1.9±0.03cm x 0.16 ±0.0128cm. It upholstered with Leatherette.Visitor TUBULAR FRAME: The tubular frame should be cantilever type and made of Ø2.54± 0.03 cm X 0.02 ± 0.016cm thick SS 202 tube. The back should be connected to frame through chrome plated high pressure die case connector piece.	2	2	2	2	0	0	0	0	0	8
	4 drawer book case	Four Door bookcase with common Key, Size - 1742 H x 914 W x 320 Dmm . The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	1	1	1	1	0	0	0	0	0	4

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	Storewell Plain	Welded storwel with four shelve and five compartment, Size-H 1980xD486xW916mm.The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	1	1	1	1	0	0	0	0	0	4
Associate Professor Room	Mid back chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. .	2	2	2	2	0	0	0	0	0	8

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	Visitor chair B	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm Providing and placement of chair with Headrest. It has a seat depth adjustment of 5.0±0.3 cm integrated in the seat through a sliding mechanism.The Back is injection moulded in Glass filled Polyamide which is upholstered with Mesh fabric. The back consist of adjustable Lumbar support made of injection moulded Polypropylene having an adjustment of 6.0±0.1cm.BACKSIZE: 50.0cm(W) x68.0 cm(H). The polyurethane foam for seat is of density 55± 5kg/m3.It is made of glass filled Polyamide arm structure with PU arm top and height adjustment of 7.0 ±0.5cm.The arm top has swivel and To-For movements.The To-For movement is 6.0± 0.5cm.The inner tube of armrest is chrome plated.The mechanism is designed with the following features:• 360° revolving type.• Centre tilt Synchro• 3 position (including upright lock) giving option of variable tilt angle to the chair with anti shock feature.The Headrest is injection moulded din Glass Filled Polypropylene which is upholstered with foam and fabric's-Hasan adjustment of 6.0± 0.1cm & its assembled over the Full back chair. The pneumatic height adjustment is chrome plated with an adjustment stroke of 9.0 ± 0.3cm.The pedestal is High Pressure Die cast polished Aluminium and fitted with 5 nos. twin wheel castors. The pedestal is 65.0±0.5 cm P.C.D. The twin wheel castors are injection moulded in black Glass filled polyamide having 6.0±0.1cm wheel Diameter.The Chrome plated tubular frame is made of Día2.8±0.03cm x0.2±0.02 cm the M.S. Round tube. The frame is fitted with plastic caps made of injection moulded glass filled Polypropylene. Full Back-76(W)* 76(D)* 115-130(H)* 45-54(SH).	4	4	4	4	0	0	0	0	0	16

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	Storewell Plain	Welded storwel with four shelve and five compartment, Size-H 1980xD486xW916mm.The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	2	2	2	2	0	0	0	0	0	8
Assistent Professor Room	Mid back chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. .	4	4	4	4	0	0	0	0	0	16
	Table A	Executive Wooden Table Size - 1800 x 2100 x 750mm , with Attached Three Drawewr Mobile Pedestal both side , Size Side Table - 1200x 600 x 750mm. The top shall be made from 25 mm thick pre- laminated board. All the edges are sealed with 2 mm thick PVC edge band all around. Side panels shall be made from 25 mm thick pre-laminated particle board. All the edges are sealed with 2 mm thick PVC edge band on the user side and 0.8 mm on the top and bottom side .The side panels have 2 glide screws each for levelling of the desk. Modesty panel shall be made from 18 mm thick pre- laminated particle board. All the edges are sealed with 0.8 mm thick PVC edge band all around. Freestanding Pedestal shall be made from 18 mm pre- laminated particle board with a combination of 2 mm and 0.8 mm PVC edge band on all the exposed surfaces as per requirement. The drawers are provided with suitable slides for smooth operation. All the pedestal drawers are centrally locked with a single key.	4	4	4	4	0	0	0	0	0	16

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	Visitor chair C	Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed.plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. Overall Dimensions of Chair-Seat Height - 46.5cm.Height - 93.5cm.Width & Depth of Chair as measured from pedestal - Width-61.0 cm and Depth-64.5 cm.	4	4	4	4	0	0	0	0	0	16
	Storewell Plain	Welded storwel with four shelve and five compartment, Size-H 1980xD486xW916mm.The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	4	4	4	4	0	0	0	0	0	16
Nursing Tutor Room	Mid back chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. .	10	10	10	10	0	0	0	0	0	40

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	Table B	Wooded Table with one side Storage, Size-1350x600x750mm,. The top shall be made from 25 mm thick pre- laminated board. All the edges are sealed with 2 mm thick PVC edge band all around. Side panels shall be made from 25 mm thick pre-laminated particle board. All the edges are sealed with 2 mm thick PVC edge band on the user side and 0.8 mm on the top and bottom side .The side panels have 2 glide screws each for levelling of the desk. Modesty panel shall be made from 18 mm thick pre- laminated particle board. All the edges are sealed with 0.8 mm thick PVC edge band all around. Freestanding Pedestal shall be made from 18 mm pre- laminated particle board with a combination of 2 mm and 0.8 mm PVC edge band on all the exposed surfaces as per requirement. The drawers are provided with suitable slides for smooth operation. All the pedestal drawers are centrally locked with a single key.	10	10	10	10	0	0	0	0	0	40
	Visitor chair C	Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed.plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. Overall Dimensions of Chair-Seat Height - 46.5cm.Height - 93.5cm.Width & Depth of Chair as measured from pedestal - Width-61.0 cm and Depth-64.5 cm.	10	10	10	10	0	0	0	0	0	40
	Storewell Plain	Welded storwel with four shelve and five compartment, Size-H 1980xD486xW916mm.The top shall be Metal top (1 mm add in unit height) . The Rigid Knock Down Construction , Back , Sides and Door shall be made from 1.0 mm high yield strength CRCA ,rest in 1.0 mm CRCA . CRCA - 'D' Grade as per IS-513.Sliding door arrangement shall have sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with 2 plastic roller having steel ball bearing for smooth movement of door & less noise . Almirahshall have glass door for visibility of the content. Locking shall be 5 lever cam lock for safe locking . Handle shall be plastic flush & recessed handle. Shelving shall have Height wise adjustable shelf mounting. Uniformly Distributed Load Capacity of the shelf is 40 Kg maximum. Almirah shall have 4 no. of adjustable full shelves . Accessories optional shall be cradle with pipes for hanging files . Leveller shall be screw type leveller with hex plastic base and overall finish shall be epoxy polyester coated to the thickness of 50 microns . A4 size box file can be stored vertically on four shelves and clear space above fifth shelf is 220 mm .	10	10	10	10	0	0	0	0	0	40

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Lecture Theatre	Table With Bench	Tabe with Bench 3 SEATER (1840 x 1130 x 757) Desk-Top Panel- All panels are made from 18mm thk Pre-laminated twin board with PVC edge banding on all sides.The panels have corners rounded for safety usage.Understructure:All side metal frames and cross connectors are made from combination of 25.4 x1.2 mm thk(approx. 18 SWG) Round ERW tubes ,31.8 x 1.2 mm thk(approx. 18 SWG) Round ERW tubes and 28.6 x 1.2 mm thk(approx. 18 SWG) Round ERW tubes(As per IS:7138) which are welded together.The Welded structures and cross connectors are coated with min. 45 micron thickness of epoxy polyester coating.Back supports which are provided at the rear back are made of 50.8 x 25.4 x 1.2 mm thk(approx. 18 SWG) rectangular ERW tubes.The tubes are coated with min. 45 micron thickness of epoxy polyester coating.The storage shelves are made from 0.6 mm thk MS sheet fixed below the radesk top panel and are coated with min. 45 micron thickness of epoxy polyester coating. Hooks are provided on the vertical side frames on both sides of the desk for hanging bags/bottles. They are made from 2 mm thk MS sheet and are coated with min. 45 micron thickness of epoxy polyester coating. The understructure is assembled using M6 trilobularscrews with Zn blue plating. Compact Laminate seat and back panels are assembled using M6 Countersunk Trilobular screws with Zn Black Plating. Spacers Are provided on th top of round tubes for wooden panels fixing. They are made of made Glass filled (30%) Plastic Caps made of PP copolymer (3530 Grade) are also provided on the rear frames adding more aestheic value to the product. M6 high tensile bolt (Class 8.8) with glasss filled nylon level adjustors are provided at the bottom of understructure to take care of unevenness in floor with height adjustment of approx 15mm..	50	240	240	240	0	0	0	0	0	770
	Table A	Executive Wooden Table Size - 1800 x 2100 x 750mm , with Attached Three Drawewr Mobile Pedestal both side , Size Side Table - 1200x 600 x 750mm. The top shall be made from 25 mm thick pre- laminated board. All the edges are sealed with 2 mm thick PVC edge band all around. Side panels shall be made from 25 mm thick pre-laminated particle board. All the edges are sealed with 2 mm thick PVC edge band on the user side and 0.8 mm on the top and bottom side .The side panels have 2 glide screws each for levelling of the desk. Modesty panel shall be made from 18 mm thick pre- laminated particle board. All the edges are sealed with 0.8 mm thick PVC edge band all around. Freestanding Pedestal shall be made from 18 mm pre- laminated particle board with a combination of 2 mm and 0.8 mm PVC edge band on all the exposed surfaces as per requirement. The drawers are provided with suitable slides for smooth operation. All the pedestal drawers are centrally locked with a single key.	4	4	4	4	0	0	0	0	0	16

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	Mid Back Chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube.	4	4	4	4	0	0	0	0	0	16
Dining Room	**Dining Chair**	Dining Chair with round ply molded seat 12mm thick duly melamine polish chair frame SS 25mm dia 16SWG and three horizontal pipe 12mm round pipe 16swg, entire chair duly chrome plated . - Chair Height floor to top 790mm, Back width 425mm, width of seat 400mm, Depth of seat 400mm, Height of seat 450mm.	0	0	0	0	120	120	120	0	30	390
	Dining Table 8 seater	Dining Table Measuring 2329mmW x 1175mmD x 750mmH, seating capacity 8 person in all four side. - Under structure Diameter of pipe 50mm Vertical support diameter 25mm 16SWG, under the top frame size 25mmx25mm squire pipe 16SWG duly powder coated, Entire bottom frame duly chrome plated. - Top made from 25mm thick water proof ply upper side 1mm thick mica as per approved shade.	0	0	0	0	16	16	16	0	4	52
Warden Office	**Table B**	Wooded Table with one side Storage, Size-1350x600x750mm,. The top shall be made from 25 mm thick pre- laminated board. All the edges are sealed with 2 mm thick PVC edge band all around. Side panels shall be made from 25 mm thick pre-laminated particle board. All the edges are sealed with 2 mm thick PVC edge band on the user side and 0.8 mm on the top and bottom side .The side panels have 2 glide screws each for levelling of the desk. Modesty panel shall be made from 18 mm thick pre- laminated particle board. All the edges are sealed with 0.8 mm thick PVC edge band all around. Freestanding Pedestal shall be made from 18 mm pre- laminated particle board with a combination of 2 mm and 0.8 mm PVC edge band on all the exposed surfaces as per requirement. The drawers are provided with suitable slides for smooth operation. All the pedestal drawers are centrally locked with a single key.	0	0	0	0	2	2	2	0	1	7

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	Mid back chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube.	0	0	0	0	2	2	2	0	1	7
	Visitor chair C	Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed.plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. Overall Dimensions of Chair-Seat Height - 46.5cm.Height - 93.5cm.Width & Depth of Chair as measured from pedestal - Width-61.0 cm and Depth-64.5 cm.	0	0	0	0	10	10	10	0	2	32
Visitor Room	**3 Seater Bench**	Providing and placement of 3 seater Visitor benches. 1) Seat shell : the seat shell should be a welded assembly of seat, back and side frame. the seat and back should be made of 0.12±0.013cm thkcr steel sheet with oblong perforations. They should be welded to side frame of size 3.2±0.05cm x 0.5 ± 0.05 cm thk hr steel. The welded assembly should be powder coated (dft 40-60 microns). The seat has a front water fall edge to provide popliteal clearance for comfortable seating. it also has a buttock support curve that not only provides rear support but also prevents small children from falling through the gap between seat and back. clean and flat surfaces of seat and back aids in easy maintenance. * seat size : 47.8 cm (w) x 44.6 cm (d) * back size : 41.6 cm (w) x 23.0 cm (h).2) Under structure assembly: under structure assembly cons should be ts of connecting beam and leg assembly made of m.s.e.r.w. oblong tube of size 7.5±0.03cm x 2.5±0.03cm x 0.2±0.016cm thk. The welded structure assembly should be powder coated (dft 40-60 microns).the leg assembly should be fitted with shoes and levellers in nylon. the leg structure should be designed with minimal should be a of contact close to ground providing easy access for cleaning purposes. the shoes fitted to leg assembly help in aligning the structure for back to back arrangements. levellers take should be of uneven flooring. Connecting beam should be fitted with snap locking end cap let also aids in side-by-side under structure alignment. 3) Arm rest assembly: armrest assembly cons should be ts of armrest frame and armrest pad .the armrest frame should be made up of size	0	0	0	0	12	12	12	2	2	40

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		3.175±0.05cm x 0.47±0.027cm thk hr steel and it should be powder coated (dft 40-60 microns). armrest pad should be injection moulded in nylon and should be fitted onto the armrest frame.										
	centre table	Providing and placement of centre table with top of 1040mm x 690mm x 40mm.The leg of the table should be made of 850mm x 595mm x 115mm. The material used for dimension (+/-2mm) of 1000mm x 650mm x 450mm. the table is paper laminated with MDF Board, toughened glass.Overall size of the center table shall be read as 1000mm (L) x 650mm (B) x 450mm (H). The table glass shall be 12mm thick minimum and supporting structure shall be as per standard design of manufacturers.	0	0	0	0	2	2	2	1	1	8
Common Room	**3 Seater Bench**	Providing and placement of 3 seater Visitor benches. 1) Seat shell : the seat shell should be a welded assembly of seat, back and side frame. the seat and back should be made of 0.12±0.013cm thkcr steel sheet with oblong perforations. They should be welded to side frame of size 3.2±0.05cm x 0.5 ± 0.05 cm thk hr steel. The welded assembly should be powder coated (dft 40-60 microns). The seat has a front water fall edge to provide popliteal clearance for comfortable seating. it also has a buttock support curve that not only provides rear support but also prevents small children from falling through the gap between seat and back. clean and flat surfaces of seat and back aids in easy maintenance. * seat size : 47.8 cm (w) x 44.6 cm (d) * back size : 41.6 cm (w) x 23.0 cm (h).2) Under structure assembly: under structure assembly cons should be ts of connecting beam and leg assembly made of m.s.e.r.w. oblong tube of size 7.5±0.03cm x 2.5±0.03cm x 0.2±0.016cm thk. The welded structure assembly should be powder coated (dft 40-60 microns).the leg assembly should be fitted with shoes and levellers in nylon. the leg structure should be designed with minimal should be a of contact close to ground providing easy access for cleaning purposes. the shoes fitted to leg assembly help in aligning the structure for back to back arrangements. levellers take should be of uneven flooring. Connecting beam should be fitted with snap locking end cap let also aids in side-by-side under structure alignment. 3) Arm rest assembly: armrest assembly cons should be ts of armrest frame and armrest pad .the armrest frame should be made up of size 3.175±0.05cm x 0.47±0.027cm thk hr steel and it should be powder coated (dft 40-60 microns). armrest pad should be injection moulded in nylon and should be fitted onto the armrest frame.	0	0	0	0	16	16	16	4	4	56

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Rooms	**Single Bed**	Metal Bed measuring 1950mm(L) x 975mm(W) x 450mm(H) and head portion height 600mm. - Under structure rectangular hollow section size 50mm x 25mmx16SWG & size of squire hollow section 38mm x38mm x 16SWG. - Size of support member size 25mm x 25mm x 16SWG. - Total support under the ply 04Nos. - Upper side 12mm thick ISI mark ply board. - Entire bed frame duly powder coated in black colour.	0	0	0	0	120	120	120	50	50	460
	Single Bed Mattress	Made from soft PU Foam in one side and Hard Foam in other side outer having cotton cloth in finished condition. -Size of mattress: 1875mm(L) x 900mm(W) x 100mm(H) - Density of quilting material (+- 2kg/m3)- 32	0	0	0	0	120	120	120	50	50	460
	Mid back chair	Cushioned seat and back powder coated frame with T" shape Handle, seize - W 560 X H 885 X seat height 495mm,Seat assembly: the seat assembly should be made up of 1.2 ±0.1cm. Thick hot-pressed plywood upholstered with fabric upholstery covers and moulded polyurethane foam.seat size: 47.0 cm. (w) x 48.0 cm. (d)back assembly: the back asembly. Should be made up of powder coated (oft 40-60 microns)tubular frame of 0 2.54 ±0.03cm. x 0.2±0.016cm.thick.MS ERW tube designed with contoured lumbar support for extra comfort. The back should be made up of upholstered using double layer spacer mesh fabric with high tenacity yarn. Back size: 46.5 cm. (w) x 60.5cm. (h)high resilience (hr) polyurethane foam: the hr polyurethane foam should be moulded with density =45+/-2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression.armrests: the one-piece armrests should be injection moulded from black co-polymer polypropylene. Tubular frame: the powder coated (dft 40-60.microns) tubular frame should be cantilever type &should made up of ø2.54 ±0.03cm. x 0.2 ±0.016cm thick MS ERW tube. .	0	0	0	0	120	120	120	50	50	460

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	Study Table	BUDDY WSTN BEECH-TOP/BLACK-U/S, Suize- W900xD 590x H 745mm,. Work Surface Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Gromet provided on work surface for wire management. Modesty Panel Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Under-structure Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Hinge Door Storage Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Handle is provided for ease of opening. Storage is provided with cam lock for security	0	0	0	0	120	120	120	50	50	460
	2 Door wardrobe	Wooden Wardrobe with full hanging and one Shelve + One Drawer Size - 1941 X 590 X 960mm,	0	0	0	0	120	120	120	50	50	460
	Stool	SS understructure with four leg ,Size-W 473xSeat height 465mm.	0	0	0	0	120	120	120	50	50	460

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